OIPE JC42 DEC 15 2003 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gibson, et al.

Application No.: 09/580,380

Filed: May 26, 2000

Title: METHOD OF DETERMINING THE THREE-DIMENSIONAL SHAPE OF A MACROMOLECULE

Attorney Docket No.: UCSFP001/1584.002

Examiner: Ly, Cheyne D.

Group: 1631

RECEIVED DEC 19 2003 TECH CENTER 1600/2900

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on December 10, 2003 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: _____
Leslie Russell

AMENDMENT A

Mail Stop Amendment Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Amendment A is in response to the Office Action dated August 26, 2003. It is respectfully requested that the above-referenced patent application be reconsidered. Kindly amend the above-entitled application as set forth below:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

12/17/2003 AOSMAN1 00000019 09580380
01 FC:1203 290.00 OP

12/17/2003 AOSMAN1 00000019 09580380
02 FC:1251 110.00 OP